

Do be bound in for Title

APOTHECARIES' HALL

OF IRELAND. *1427.* *(1)*

INCORPORATED BY CHARTER, AND BY THE ACT OF GEORGE III., 1791.

The qualification entitles the holder to register as a legally qualified Medical Practitioner, under the Medical Act of 1886, and entitles the holder to compete for Public Medical Appointments, as follows:—

NAVAL SERVICE ;

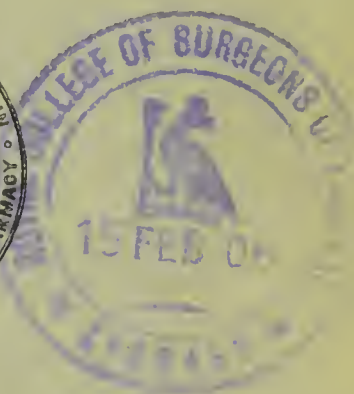
MILITARY SERVICE ;

ALL

POOR-LAW APPOINTMENTS ;

AND

CIVIL AND COLONIAL APPOINTMENTS.



REGULATIONS

For the Examination of Candidates seeking the License of this Hall in MEDICINE, SURGERY, MIDWIFERY, and PHARMACY, as required for Registration.

❖ FIVE YEARS' COURSE. ❖

1903.



Four Years' Students—Are examined according to the five years' scheme except that they are exempt from the following Lectures and Examinations.

N.B.—Each Student must have registered before 1st January, 1892.

LECTURES, etc.,

The Candidates are exempt from producing evidence of having attended the following :—

Biology Lectures.

Clinical instruction in Ophthalmic and Aural Surgery.

Students who commenced study before July, 1879, are exempt from both the Certificate of Study and the Special Ophthalmic Examination, but are liable to be examined by the Surgical Examiners in Ophthalmic Surgery. Those who commenced before February, 1882, are exempt from the Special Examination, on producing the Certificate of three months' Clinical Ophthalmology required before that date. Those who commenced after February, 1882, must pass the Special Examination.

Clinical Instruction in Mental Disease.

EXAMINATIONS.

The Candidates are exempt from Examination in :—

Biology.

Physics, when taken out in the Preliminary.

Special Examination in Ophthalmic Surgery.

The Candidate is however liable to questions in Ophthalmic Surgery and Mental Disease.

Licentiates of the Pharmaceutical Societies of Ireland and England are exempt from Examination in Pharmacy.



REGULATIONS FOR FEES

FOR THE

**Examinations in Medicine, Surgery, Midwifery, and
Pharmacy, held by the Apothecaries' Hall
of Ireland.**

THE First, Second, and Third Professional Examinations are held four times a year—viz., commencing the third Monday in January, April, July, and October, or such other dates as may be determined.

The Final Examinations are held in January and July.

The Fees payable for each Examination are as follows:—

First Professional	-	-	£5 5 0
Second ,,	-	-	£5 5 0
Third ,,	-	-	£5 5 0
Final Examination	-	-	£6 6 0

Fees are not returned to any Candidate who withdraws from, or is rejected at, any Examination. If a Candidate gives three clear days' notice of inability to attend, he may present himself at the ensuing Examination without any further fee.

A Candidate is allowed for each Professional Examination which he has completed at any other Licensing Body, except the Final. If he has passed only in some of the subjects in a given Examination, he has to pay the whole of the fee for that Examination. The fees for re-examination are

For each subject	-	-	£1 1 0
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excepting in the subjects of Chemistry, Pharmacy, and Anatomy, Physiology, Pathology, Ophthalmology, Surgery and Medicine. the fees for which are **£2 2s.** each subject.

The fee for Final alone	-	£15 15 0
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When the other Examinations have been taken elsewhere.

Ladies who comply with the regulations will be admitted to these Examinations.

Candidates may be admitted to a Special Examination, under special circumstances, which must be laid before the

Examination Committee. If the Candidate's application be granted, an extra fee of Ten Guineas over and above the full fee is required, or such other fees as may be determined.

Candidates already on the Register will receive the Diploma of the Hall on passing an Examination in the subjects which are not covered by their previous qualifications, and on paying a fee of Ten Guineas. If Medicine or Surgery is required. Five Guineas extra will be charged.

One week's notice required with Registration, Pharmacy
Certificates, and Fee.

1—DOCTORS OF MEDICINE.

2—LICENTIATES OF A COLLEGE OF PHYSICIANS.

3—LICENTIATES OF A COLLEGE OF SURGEONS.

Who have also a Certificate in Practical Pharmacy may obtain the Licence of the Hall by undergoing Examination—the first two in Pharmacy and Surgery, the latter in Medicine and Pharmacy.

The examination in Pharmacy, written and oral, includes Practical Pharmacy, Pharmaceutical Chemistry, and the Materia Medica of the British Pharmacopœia. The Examination in Medicine is written, oral; and Clinical at an hospital.

First day—Pharmacy, written, oral and Compounding.

Second day—Medicine, written, oral and Clinical.

The License of the Hall admits to the Examination for the Fellowship of the College of Surgeons, Edinburgh.

All Examination Fees are to be lodged in the Sackville Street Branch of the Royal Bank of Ireland, to the credit of the Examination Committee. Applications and Schedules, together with Bank Receipt for the fee, must be lodged with the Registrar, Apothecaries' Hall, 40 Mary Street, Dublin, fourteen clear days before the first day of Examination.

COURSE OF STUDY FOR THE DIPLOMA.

CANDIDATES who desire to obtain the Letters Testimonial of the Apothecaries' Hall in Ireland must, before proceeding to the Final Examination, produce evidence of having been registered as a Medical Student for 57 months; also of having attended Courses of Instruction as follows:—

Winter Courses of Six Months.

One Course each of the following:—

Anatomy (Lectures),

Chemistry—Theoretical,

Midwifery,

Practice of Medicine,

Physiology.

Surgery,

Dissections, two courses of six months each.

Courses of Three Months.

One Course each of the following:—

Materia Medica,

Medical Jurisprudence,

Chemistry—Practical,

Practical Physiology and Histology,

Operative Surgery,

Physics,

Clinical Ophthalmology,

Biology,

Clinical Instruction in Mental Disease,

Pathology,

Vaccination.

Medico-Chirurgical Hospital, twenty-seven months, to be distributed, at the Student's own discretion, over the last four years of his study. The Candidate may substitute for nine months of this Hospital Attendance six months as a Resident Pupil. He will be required to present a certificate of having taken notes of at least six Medical and six Surgical cases recorded under the supervision, respectively, of a Physician and Surgeon of his Hospital.

Three months' study of Fever—which may be included in his twenty-seven months' Hospital Attendance—in a Hospital containing Fever Wards, and having taken notes of five cases of Fever, viz., either Typhus, Typhoid, Scarlet Fever, Smallpox or Measles.

Six months' Practical Midwifery and Diseases of Women during the Winter or Summer of the third or the fourth year, at a recognised Lying-in Hospital, or Maternity.

Three months' Practical Pharmacy, in a recognised Clinical Hospital or a recognised School of Pharmacy, or a year in the Compounding Department of a Licentiate Apothecary or a Pharmaceutical Chemist.

Each Candidate, before receiving his Diploma, must produce evidence that he has attained the age of twenty-one years.



EXAMINATIONS FOR THE DIPLOMA.

All information relative to the Examinations may be obtained from the Registrar of the Apothecaries' Hall, 40 Mary Street, Dublin, who will receive the applications of Candidates, and with whom the Bank receipt for lodgment of fees, together with all certificates, must be lodged at least fourteen days prior to the day fixed for the commencement of the Examination for the class to which each Candidate belongs.

Each Candidate must produce evidence—

- a.* Of having, before entering on medical studies, passed a Preliminary Examination in General Education recognised by the General Medical Council; and
 - b.* Of having been registered by that Council as a student in medicine. Certificates of medical study will not be recognised if the commencement of the course to which the certificate refers dates more than fifteen days prior to such registration, except in the subjects of Physics or Biology. This registration is not undertaken by the Hall; but the student must apply to the Registrar of the General Medical Council that he may be so entered.
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FIRST PROFESSIONAL EXAMINATION.

Candidates will be required, before admission to the First Professional Examination, to produce evidence—

(1) Of having been registered by the Medical Council as Medical Students at least six months before examination.

(2) Of having attended

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| <i>a.</i> Dissections | } Six months. |
| <i>b.</i> Chemistry—Theoretical | |
| <i>c.</i> Practical Chemistry. | |

d. Practical Pharmacy for three months in the Compounding Department of a Clinical Hospital, or a School of Pharmacy, or a year in the Compounding Establishment of a Licentiate Apothecary or a Pharmaceutical Chemist.

e. Biology, one course, three months.

f. Physics, one course.

A Candidate may take this Examination as a whole at one time, or in four parts.

Fee for First Examination, £5 5s. od.

SECOND PROFESSIONAL EXAMINATION.

Candidates must produce evidence of having passed in the First Professional Examination ; also Certificates of having subsequently attended—

**a.* A Medico-Chirurgical Hospital (nine months), and of having taken notes of at least three Medical and three Surgical Cases, or a Certificate of Clinical Clerkship : or of having acted as Resident Pupil for a period of not less than six months.

b. The following Courses :—

1. Anatomy.

2. Dissections,

3. Physiology,

4. Materia Medica, including Posology,

5. Practical Histology,

} Six months,
} Three
} months.

Fee for Second Examination, £5 5s. od.

THIRD PROFESSIONAL EXAMINATION.

Candidates must produce evidence of having passed the Second Examination ; also Certificates of having attended—

a. A Medico-Chirurgical Hospital, and of having taken notes of at least three Medical and three Surgical Cases, or a Certificate of Clinical Clerkship : or of having acted as Resident Pupil for a period of not less than six months.

* The Student is required to attend Medico-Chirurgical Hospital for 27 months as Extern Pupil, or 18 months as Extern, and 6 months as Intern Pupil, to be distributed, at his own discretion, over the last four years of his study

b. The following Courses of Lectures:—

1. Medicine.
2. Surgery.
3. Public Health.
4. Forensic Medicine.
5. Practical Pathology, laboratory course—at least 30 meetings of the class.

Fee for Third Examination, £5 5s. od.

FOURTH OR FINAL PROFESSIONAL EXAMINATION.

The Candidate must produce evidence—

- (1) Of having passed the Third Professional Examination;
- (2) Of having attended—

a. A Medico-Chirurgical Hospital. (*See foot-note, page 6.*)

b. Lectures on Midwifery; a winter course.

c. A recognised Midwifery Hospital, or Maternity, for six months, with evidence of having been present at thirty labours.

d. Operative Surgery, including operations on the dead subject. at least thirty meetings of the class.

e. Of three months' study of Fever in a Clinical Hospital, containing Fever Wards, and of having taken notes of at least five cases of Fever.

*f. Clinical Instruction in Ophthalmic and Aural Surgery, three months at a recognised Ophthalmic Hospital, or at the Ophthalmic Department of a General Hospital.

Clinical Instruction in Mental Diseases at a recognised Institution.

Vaccination.

[*Note.*—Attendance at a Fever Hospital will not be recognised if concurrent with that on Practical Midwifery.]

Fee for Final Examination, £6 6s. od.

*Students who commenced study before July, 1879, are exempt from both the Certificate of Study and the Special Ophthalmic Examination, but are liable to be examined by the Surgical Examiners in Ophthalmic Surgery. Those who commenced before February, 1882, are exempt from the Special Examination, on producing the Certificate of three months' Clinical Ophthalmology required before that date. Those who commenced after February, 1882 must pass the Special Examination.

SESSIONAL MEDICAL EXAMINATIONS.

The Examinations for First, Second, and Third Professional will be held in January, April, July, and October, commencing on the Third Monday in each of these months. The Final Examination to be held in January and July of each year, or at such other times as may be determined by the Committee of Management.

The papers for First, Second, and Third Examinations will contain five questions.

The papers for the Final Examination will contain six questions.

Half an hour is allowed for each written question at all Examinations.

PROGRAMME OF EXAMINATIONS.

FIRST EXAMINATION.

FIRST DAY.

Written Examination.

10 a.m.—Physics, Chemistry, and Pharmacy.*

4 p.m.—Anatomy (Osteology only).

Biology.

SECOND DAY.

Oral Examination.

4 p.m.—Physics, Chemistry, Anatomy (Anatomy of the whole body.) and Biology.

THIRD DAY.

Practical Examination.

10 a.m.—Chemistry.

4 p.m.—Pharmacy—Practical and Oral.

SECOND EXAMINATION.

FIRST DAY.

Written Examination.

10 a.m. to 1 p.m.—Anatomy and Physiology.

4 p.m. to 7 p.m.—Materia Medica and Therapeutics.

*Pharmacy may be taken at the 1st, 2nd, or 3rd Examination. It does not include processes for making the Pharmacopical Preparations.

SECOND DAY.

Oral Examination.

10 a.m.—Anatomy and Physiology.

4.30 p.m.—Materia Medica and Therapeutics.*

THIRD DAY.

10 a.m.—Dissections.

THIRD EXAMINATION.

FIRST DAY.

Written Examination.

10 a.m.—Pathology.

Materia Medica, if not taken at Second Examination.

4 p.m.—Medical Jurisprudence and Hygiene.

SECOND DAY.

Oral Examination.

4 p.m.—Pathology.

Medical Jurisprudence and Hygiene.

Materia Medica, if not taken at the Second.

FINAL EXAMINATION.

FIRST DAY.

Written Examination.

10 a.m. to 1 p.m.—Medicine and Therapeutics including
Mental Disease.

4 p.m. to 7 p.m.—Midwifery and Diseases of Women
and Children.

SECOND DAY.

Written Examination.

10 a.m. to 1 p.m.—Surgery and Surgical Therapeutics.

4 p.m. to 7 p.m.—Ophthalmic Surgery.

* Materia Medica may be taken at the Second or Third Examination.

THIRD DAY.

Clinical Examination.

9.30 a.m.—Candidates will be informed at the Examination Hall of the Hospital selected for their Clinical Examinations. Candidates are to report themselves to the Registrar of the Examining Board immediately on entering the Hospital.

10 a.m.—Surgical Clinical Examination begins.

1 p.m.—Operative Surgery.

Oral Examination.

4 p.m.—Surgery and Surgical Therapeutics.

FOURTH DAY.

9.30 a.m.—Candidates will be informed at the Examination Hall of the Hospital selected for their Clinical Examinations.

10 a.m.—Medical Clinical Examination begins.

12.30 p.m.—Clinical Ophthalmic Surgery begins.

Oral Examination.

4 p.m.—Medicine, including Mental Diseases and Medical Therapeutics.

Midwifery, including Diseases of Women and Vaccination.

Ophthalmology.

GENERAL REGULATIONS.

Period of Re-examination.

No Candidate shall be admitted to re-examination under this scheme, or to any examination of the same class in any subject within 3 months of his rejection by a licensing body.

The Subjects for Examination, and the mode of carrying out a Special Examination, shall be the same as those above laid down for the scheme under which the Candidate presents himself.

AGE AND MORAL CHARACTER.

The Diploma will not be conferred on any Candidate under the age of 21 years, and unless he is of good moral character.

CERTIFICATION OF STUDY BY SCHEDULE.

The Candidate shall present the courses of study to the Committee of Inspection, in the form of a Schedule, on which the exact number of his attendances shall be certified.

The Candidate must see that the entries in his Schedule are accurately made and are duly attested by the proper authorities of the School and by the Registrar of the Hospital which he has attended. He must present the Schedule to the Registrar of the Committee, together with the receipt for lodgment of the necessary Examination Fees, and also with any other Document set forth in the Schedule as necessary; and he must, then and there, in presence of the Registrar, sign the Declaration which appears thereon. If the Candidate is prevented by absence from Dublin from presenting himself to the Registrar, the Declaration must be witnessed by the Registrar of his School or Hospital, who will countersign the same. Each Schedule so lodged is preserved by the Committee as evidence that its Licentiate has fulfilled the course of study enjoined by the regulations.

AS TO CERTIFICATES OF STUDY.

All Lecture Certificates shall set forth the exact number of the Student's attendances, and the total number of Lectures delivered in the Course.

Winter Courses shall consist of not less than 50 Lectures, and Summer Courses of not less than 30 Lectures.

No Lecture Certificate shall be received unless the number of attendances certified thereon shall be at least two-thirds of these numbers respectively.

As regards Medical and Surgical Hospital Certificates, the number of daily attendances certified shall not be less than 80 for the Winter Session, and 40 for the Summer Session.

REJECTIONS AND RE-EXAMINATIONS.

Candidates at the First, Second, and Third Examinations

shall get credit for each completed subject in which they pass, but no credit shall be given for a pass in any one or more stages of an Examination.

Candidates who have been refused shall present themselves at a subsequent Examination in the subjects in which they have failed, and they must satisfy the Examiners in these subjects before proceeding to the next Examination.

But Candidates shall not obtain credit for passing any part of the Final Examination, unless they pass at the same time in, at least, two of the following groups, save in case they need but one group to complete their Examination:—

A	{	Written Medicine	C	{	Oral Midwifery and Gynæ-
		Oral Medicine			cology
		Clinical Medicine			Written do.
		Written Surgery			D { Clinical Ophthalmic Surgery
B	{	Oral Surgery	D	{	Oral do.
		Operative Surgery			
		Clinical Surgery			

A Candidate may be declared passed in one group, provided he has made an average of 60 per cent. in that group.

EXEMPTION UNDER PREVIOUS SCHEMES.

Candidates who have passed any recognised Examination will be exempted from the similar Examination of this Scheme.

Candidates who have passed Examinations by other licensing bodies, which the Committee of Management shall consider equivalent, shall be exempted from similar Examinations under this Scheme.

Provided that in such case the Candidate shall have complied with the Regulations laid down under this Scheme for the Examination at which he is about to present himself.

No Fees shall be returned to any Candidate who is rejected at any Examination, or who, having commenced any Examination, retires therefrom.

—⌘— SYLLABUS. ⌘—

CHEMISTRY.

THEORETICAL CHEMISTRY.

Nature of chemical force—The atomic theory—Molecules—Quantivalency—Relation between atomic weight and specific heat of elements—Diffusion of gases—Chemical constitution of radicals, acids, bases, and salts—Formulæ—Preparation and principal properties of Oxygen, Hydrogen, Nitrogen, Carbon, Sulphur, Phosphorus, Chlorine, Bromine, and Iodine; and of their more important compounds with each other (such as Water, Ammonia, Nitrous Oxide, Sulphuric, Phosphoric, and Nitric acids)—The properties of the alkali and alkaline earth metals: Aluminium, Iron, Zinc, Copper, Lead, Silver, Mercury, Bismuth, Antimony, and Arsenic; the more important salts of the above-named metals (Chlorides, Iodides, Sulphates, and Nitrates)—Acetic, Tartaric, Oxalic, and Hydrocyanic Acids—Sugar, Albumen, and Urea.

PRACTICAL CHEMISTRY.

Examination in the Laboratory.

1.—Detection of the following metals—Potassium, Sodium, Ammonium, Calcium, Magnesium, Barium, Strontium, Iron, Zinc, Copper, Lead, Silver, Mercury, Bismuth, Arsenic and Antimony.

2.—Detection of the following non-metals—Chlorine, Iodine, Bromine.

3.—Detection of the following acids—Sulphuric, Phosphoric, Nitric, Hydrocyanic, Oxalic, Tartaric, and Citric.

4.—Detection of the following alkaloids—Quinine, Morphine, Strychnine, Veratrine, Codeine.

5.—Volumetric Analysis, Acidimetry, and Alkalimetry.

PHARMACY.

PRESCRIPTIONS—Reading, Construction, and Incompatibles.

POSOLOGY—The Pharmacopœial Preparations.

WEIGHTS AND MEASURES, including the Metric System.

PRACTICAL EXAMINATION—The Candidate is given one or more Ordinary Prescriptions to Compound.

BIOLOGY.

Structure and Properties of the Vegetable Cell; Elements and Structure of a Flowering Plant.

Structure and Life-history of *Saccharomyces*.

Structure and Life-history of *Amœba*, *Hydra*, *Mucor*, *Paramecium*.

The Chief Anatomical Characteristics of Vertebrate Animals, as illustrated in the Frog and Rabbit.

The Elements of Physiology, to include the Structure of the Elementary Tissues (Blood, Muscle, Nerve, Connective Tissue, Bone and Cartilage), the outlines of the functions of Respiration, Circulation, and Digestion.

ANATOMY.

First Examination—Bones with attachments of Muscles and Ligaments—Joints.

Second Examination—The Anatomy of the whole human body.

SURGERY.

Surgery, including Clinical, Ophthalmic, and Operative, with Surgical Anatomy.

MEDICINE.

Medicine and Pathology.

Therapeutics, Clinical Medicine, and Mental Disease.

FORENSIC MEDICINE.

Signs of Death—Determination of Sex and Age in Skeletons—Drowning and Mechanical Injuries—Signs of Pregnancy, Abortion, and Rape—Toxicology—Arsenic—Antimony—Lead—Copper—Hydrocyanic Acid—Strychnine—Morphine—Veratria—Digitalis, Aconite, Carbolic Acid, and most well-known Poisons—Post-mortem Signs—Tests—Blood Stains.

HYGIENE.

THE ATMOSPHERE.—Composition—Impurities and Analysis—Ventilation and Area of Dwelling-houses—Sites for Hospitals and Institutions.

WATER.—Composition—Impurities and Analysis—Different Water Supplies

DISPOSAL OF SEWAGE—Water and Dry Earth Closets—Testing House Drains.

River Pollution.

Disinfection and Disinfectants.

Epidemic Diseases.

Food and Food Adulteration.

ACTS.—Infectious Diseases Notification Act, &c.

